



MISSISSIPPI STATE UNIVERSITY™
MS AGRICULTURAL AND
FORESTRY EXPERIMENT STATION

**Performance of rice varieties, hybrids, and experimental lines grown on Sharkey Clay near Stoneville, Mississippi
(33.431428, -90.907657), 2020.¹**

Entry	Yield ²	Whole Milled Rice	Total Milled Rice	Chalk ³	Harvest Moisture	Bushel Weight	Plant Height	50% Heading ⁴	Lodging ⁵	Lodging ⁶
	<i>bu/A</i>	%	%	%	%	<i>lb</i>	<i>in</i>	<i>days</i>	%	<i>(1-5)</i>
Hybrids										
RT7521FP	275	60.3	69.2	9.1	20.4	40.6	44.0	88	0	1
RT7321FP	202	56.3	67.3	8.9	15.7	40.5	43.0	81	0	1
XP753	251	52.8	68.3	9.8	15.4	40.8	39.5	84	0	1
RT7301	247	53.0	68.2	13.0	18.7	41.5	40.3	85	0	1
RT7501	281	54.5	67.8	5.7	23.4	40.4	37.0	91	0	1
Clearfield/Provisia										
CLL15	182	58.5	68.3	10.7	21.0	41.4	35.3	82	0	1
CLL16	237	58.4	67.7	4.8	23.8	45.0	41.0	89	0	1
CLL17	210	59.8	67.9	8.0	21.4	42.5	35.8	86	0	1
CL153	189	63.4	69.8	5.1	19.7	43.4	34.0	84	0	1
CL163	228	62.1	69.3	6.1	20.5	43.2	37.8	93	0	1
CLX54197	258	62.2	68.8	7.3	18.9	45.6	35.0	87	0	1
PVL01	193	58.4	69.9	2.6	20.5	41.6	34.5	90	0	1
PVL02	131	57.0	68.2	8.4	17.6	40.3	39.8	82	0	1
RU1804147	256	59.1	67.5	8.2	14.8	44.0	38.0	87	0	1
RU1704055	232	57.0	68.2	7.8	22.7	41.4	39.3	89	0	1
RU1804135	239	61.8	69.9	9.1	19.1	44.5	37.0	92	0	1
RU1804139	235	63.3	71.7	10.0	21.7	42.2	36.3	89	0	1
RU1904209	186	63.3	69.8	6.5	21.7	41.2	40.0	81	0	1
RU2004071	225	62.3	69.6	7.1	24.8	44.0	40.8	94	0	1
RU2004191	258	62.9	69.9	7.9	17.0	44.4	40.0	88	0	1
RU2004195	207	60.6	68.2	8.8	21.5	44.7	38.8	86	0	1
Conventional										
Cheniere	217	57.4	72.0	3.8	18.7	43.8	35.8	86	0	1
Diamond	217	59.4	69.5	4.6	22.9	45.2	41.8	91	0	1
LaKast	235	58.4	68.7	5.2	20.4	43.9	41.8	86	0	1
Mermentau	201	62.6	69.8	6.7	21.2	42.9	37.3	82	0	1
Rex	230	63.2	68.6	7.8	17.7	44.5	37.5	89	0	1
Sabine	199	62.7	70.1	3.9	22.6	45.3	36.8	88	0	1
Thad	224	61.3	69.3	2.0	23.6	46.1	39.0	89	0	1
RU1804067	222	58.8	67.5	7.9	23.7	44.7	38.5	91	0	1
RU1804214	228	61.9	69.0	3.2	17.5	44.4	37.0	87	0	1
RU1904127	222	63.1	70.0	6.1	20.2	43.7	36.3	84	0	1
RU1904155	237	57.2	68.4	12.1	19.9	45.0	40.3	89	0	1
RU1904163	245	56.7	67.9	8.0	20.4	44.3	35.5	90	0	1
RU1904175	234	61.3	69.8	4.0	26.4	43.0	41.0	93	0	1
RU1804071	234	61.8	68.8	5.1	17.0	44.6	37.8	88	0	1
RU1904131	230	65.0	71.8	6.7	21.0	44.0	39.5	91	0	1

¹Planting date: May 6 Emergence: May 18. Herbicides: May 7 - 16 fl. oz/A command, 2 fl. oz/A sharpen, 48 fl. oz/A Gramoxone (2lb), June 18 - 1 Gal Stam/Ac, 2/3 oz Permit (dry)/Ac, 1 pint Navigator/Ac, 16 oz Facet L/Ac, June 29 - 6 oz/Ac Newpath, 1% Navigator Fertilizer: June 30 - 150 lbs/Ac of Urea Insecticide: Fungicide: Flood date: July 2 Drain Date: September 17 Harvested: September 22

LSD = A difference of 42 bu/A is required for one variety to differ from another at the 5% probability level. C.V. = 11.4%

²Rough rice at 12% moisture.

³Winseedle chalk measurement

⁴Days after emergence.

⁵Percent of plot that was lodged.

⁶Severity of lodging: 1=plants totally erect, 5=plants completely on ground.

⁷Weight of 1000 kernels.